

CLAIMS

1. A boot for a universal shaft coupling formed by a rubber elastic body, and forming a bellows portion between a small-diameter ring portion and a large-diameter ring portion,

wherein linear separated portions are formed along a generatrix from the small-diameter ring portion to the large-diameter ring portion, both sides of said separated portions are formed thick, and a fastener pair is arranged in said separated portions, and a portion between said separated portions is thinner than said separated portions and is formed in a substantially uniform thickness so as to form a general portion connected in a peripheral direction,

wherein said fastener pair is constituted by a band-like occluding portion formed along one end edge of said separated portion and provided with a bulge locking portion in a leading end, and a band-like occluded portion provided with a occluding groove occluding with said occluding portion along another end edge of said separated portion, and

wherein a guide fin provided with a guide surface at a position partly overlapping the occluding portion at a time of facing to said occluding portion, is formed so as to protrude only to a crest portion side of said bellows portion, in an inner side of said occluding groove on an occluded portion side end surface of said separated portion.

2. A boot for a universal shaft coupling as claimed in claim 1, wherein a height of said guide fin is gradually reduced from the crest portion toward both side valley portions.

3. A boot for a universal shaft coupling as claimed in claim 1,

wherein a fin receiving groove is formed in an inner side of said occluding portion rising portion on the occluding portion side end surface of said separated portion, in correspondence to said guide fin.

4. A boot for a universal shaft coupling as claimed in claim 3, wherein a pinching insert formed by a linear spring member and having an eggplant horizontal cross sectional shape substantially with no corner portion is buried in an outer peripheral portion of said occluding groove, a spring pinching force is applied to a portion between opening end portions of said occluded portion, and a pinched insert formed by a linear spring member and having a wave-shaped flat surface is buried in said occluding portion.

5. A boot for a universal shaft coupling as claimed in any one of claims 1 to 4, wherein said separated portion is bulged to the inner side so as to be formed as a thick portion.

6. A boot for a universal shaft coupling as claimed in any one of claims 1 to 4, wherein a grease return rib is provided in a first inner peripheral surface in a side of said large-diameter ring portion.

7. A boot for a universal shaft coupling as claimed in claim 6, wherein both side cross sections of a base portion of the bulge locking portion in said occluding portion are formed as an angular portion, and both side cross sections of a base portion of the bulge receiving portion in the occluded groove correspondence to said bulge locking portion in said occluded portion are formed as curved portion compressing said angular portion.

8. A boot for a universal shaft coupling formed by a rubber elastic

body, and forming a bellows portion between a small-diameter ring portion and a large-diameter ring portion,

wherein linear separated portions are formed along a generatrix from the small-diameter ring portion to the large-diameter ring portion, both sides of said separated portions are formed thick, and a fastener pair is arranged in said separated portions, and a portion between said separated portions is thinner than said separated portions and is formed in a substantially uniform thickness so as to form a general portion connected in a peripheral direction,

wherein said fastener pair is constituted by a band-like occluding portion formed along one end edge of said separated portion and provided with a bulge locking portion in a leading end, and a band-like occluded portion provided with a occluding groove occluding with said occluding portion along another end edge of said separated body, and

a grease return rib is provided in an inner peripheral surface of a first valley portion in a side of said large-diameter ring portion.

9. A boot for a universal shaft coupling as claimed in claim 8, wherein both side cross sections of a base portion of the bulge locking portion in said occluding portion are formed as an angular portion, and both side cross sections of a base portion of the bulge receiving portion in the occluded groove correspondence to said bulge locking portion in said occluded portion are formed as curved portion compressing said angular portion.